

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Paul A. Crawford

Serial No.: Unknown

Filed: Unknown

For: PUP JOINT WITH INTEGRAL WING  
NUT RETENTION SHOULDER

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: FMCC:014USR1/MTG

5/Re and A  
EP  
11-15-01

EXPRESS MAIL MAILING LABEL
NUMBER EL 780052207 US
DATE OF DEPOSIT November 9, 2001

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please amend this application as follows:

In the Claims

Please amend the claims as follows:

1. (Amended) A pup joint comprising:

a length of pipe having an outside diameter;

a female sub connected to a first end of the length of pipe, the female sub including a conical sealing surface, an outer surface formed adjacent the conical sealing surface and external threads formed on the outer surface;